INVENTOR SEARCH

=> fil capl
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FILE COVERS 1907 - 30 Oct 2007   VOL 147 ISS 19
FILE LAST UPDATED: 29 Oct 2007   (20071029/ED)

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L2   294 SEA FILE=CAPLUS ABB=ON KANZAKI Y?/AU
L4   STR
L7   80221 SEA FILE=REGISTRY SSS FUL L4
L8   2263 SEA FILE=REGISTRY ABB=ON L7 AND P/ELS
L9   STR
L12   6557 SEA FILE=REGISTRY SUB=L7 SSS FUL L9
L13   6525 SEA FILE=REGISTRY ABB=ON L12/COMPLETE
L14   401 SEA FILE=REGISTRY ABB=ON L8 AND L13
L15   6492 SEA FILE=REGISTRY ABB=ON L13 AND S/ELS
L16   368 SEA FILE=REGISTRY ABB=ON L14 AND L15
L19   STR
L22   35 SEA FILE=REGISTRY SUB=L7 SSS FUL L19
L24   15918 SEA FILE=REGISTRY ABB=ON H3O4P
L28   2 SEA FILE=REGISTRY ABB=ON L16 NOT NC>1
L32   15129 SEA FILE=REGISTRY ABB=ON L7 AND C3H5NO
L33   5691 SEA FILE=REGISTRY ABB=ON L7 AND C7H13NO4S
L34   30 SEA FILE=REGISTRY ABB=ON L24 AND L32
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L56   1331 SEA FILE=CAPLUS ABB=ON (L51 OR L52) AND L54
L58   178191 SEA FILE=CAPLUS ABB=ON L54 AND (PY<2005 OR AY<2005 OR
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L59   27 SEA FILE=CAPLUS ABB=ON L58 AND L51 AND L52

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L69          4 SEA FILE=CAPLUS ABB=ON  L67 AND L68
L70      73100 SEA FILE=CAPLUS ABB=ON  ELECTRIC CONDUCTORS/CT
L71         14 SEA FILE=CAPLUS ABB=ON  L56 AND L70
L72        172 SEA FILE=CAPLUS ABB=ON  L14
L73          3 SEA FILE=CAPLUS ABB=ON  L72 AND L70
L74       4594 SEA FILE=CAPLUS ABB=ON  L51(L)TEM/RL
L75        363 SEA FILE=CAPLUS ABB=ON  L52(L)TEM/RL
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L78          6 SEA FILE=CAPLUS ABB=ON  L74 AND L75 AND L76
L79         16 SEA FILE=CAPLUS ABB=ON  (L1 OR L2) AND (L68 OR L48 OR L49 OR
               L50 OR L59 OR L61 OR L69 OR L71 OR L73 OR L78)


=> d ibib abs hitind hitstr l79 1-16


L79  ANSWER 1 OF 16   CAPLUS   COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER:          2007:937755  CAPLUS  Full-text
DOCUMENT NUMBER:           147:278498
TITLE:                     Compositions containing N-phosphonyl
                           (meth)acrylamides, their polymers, and application and
                           manufacture of the compositions and polymers
INVENTOR(S):               Kanzaki, Yoshio
PATENT ASSIGNEE(S):        Uni-Chemical Co., Ltd., Japan
SOURCE:                    Jpn. Kokai Tokkyo Koho, 63pp.
                           CODEN: JKXXAF
DOCUMENT TYPE:             Patent
LANGUAGE:                  Japanese
FAMILY ACC. NUM. COUNT:    1
PATENT INFORMATION:


     PATENT NO.            KIND  DATE       APPLICATION NO.        DATE
     ---------------       ----  --------   --------------------   --------
     JP 2007211146         A     20070823   JP 2006-33100          20060209
PRIORITY APPLN. INFO.:                      JP 2006-33100          20060209
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AB   The compns., useful as emulsifiers and solubilizers for rubbers, contain
     CH2:CR1aCONR2aXaOR3a (R1a = H, Me; R2a = H, hydrocarbyl; XaOR3a = phosphate
     residue), CH2:CR1bCON(XbOH)XcOR3b (R1b = H, Me; XbOH = phosphoric acid
     residue; XcOR3b = phosphate residue), and/or CH2:CR1cCON(XdOR3c)XeOR3d (R1c =
     H, Me; XdOR3c, XeOR3d = phosphate residue). The polymers are useful for
     conductive resins as binders for conductive metal pastes. Thus, CH2:CHCONH2
     was amidated with anhydrous H3PO4 and esterified with Nonion NS 202
     (nonylphenylethoxyethanol) to give a composition containing
     CH2:CHCON[P(O)(OH)2]P(O)(OH)OR (R = nonylphenylethoxyethyl) and
     CH2:CHCON[P(O)(OH)2]2. Vinyl acetate was mixed with the composition, water,
     and an aqueous ammonium persulfate solution, and emulsion-polymerized without
     separation and blocking to give a dispersion showing no apparent change after
     storage at room temperature for 1 mo.
```
CC   37-3 (Plastics Manufacture and Processing)
     Section cross-reference(s): 35, 38, 39, 76
IT   Electric conductors
         (films; manufacture of N-phosphonyl (meth)acrylamide compns. as emulsifiers
         and rubber solubilizers and their polymers for conductive films and
         binders for conductive metal pastes)
IT   946492-01-9P, Acrylamide-N,N-diphosphonic acid-oxirane-vinyl
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                 D SCAN
L2           294 SEA ABB=ON  KANZAKI Y?/AU
                 SEL RN L1


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L3            27 SEA ABB=ON  (28497-59-8/BI OR 863207-64-1/BI OR 863207-65-2/BI
                 OR 863207-66-3/BI OR 107-13-1/BI OR 1314-56-3/BI OR 15214-89-8/
                 BI OR 24599-21-1/BI OR 25014-41-9/BI OR 25067-61-2/BI OR
                 25086-48-0/BI OR 25087-26-7/BI OR 79-06-1/BI OR 79-41-4/BI OR
                 863207-68-5/BI OR 863207-69-6/BI OR 863496-24-6/BI OR 9002-86-2
                 /BI OR 9002-89-5/BI OR 9003-01-4/BI OR 9003-05-8/BI OR
                 9003-08-1/BI OR 9003-17-2/BI OR 9003-20-7/BI OR 9003-53-6/BI
                 OR 9004-34-6/BI OR 95175-93-2/BI)
                 D SCAN


        FILE 'STNGUIDE' ENTERED AT 14:12:05 ON 30 OCT 2007


        FILE 'REGISTRY' ENTERED AT 14:15:57 ON 30 OCT 2007
L4               STR
L5            50 SEA SSS SAM L4
L6        720247 SEA SSS FUL L4 EXTEND
L7         80221 SEA SSS FUL L4
L8          2263 SEA ABB=ON  L7 AND P/ELS
L9               STR L4
L10           50 SEA SUB=L7 SSS SAM L9
L11        36154 SEA SUB=L7 SSS FUL L9 EXTEND
L12         6557 SEA SUB=L7 SSS FUL L9
L13         6525 SEA ABB=ON  L12/COMPLETE
                 SAVE TEMP L13 KHA569SUB1/A
L14          401 SEA ABB=ON  L8 AND L13
                 SAVE TEMP L14 KHA569SUB2/A
L15         6492 SEA ABB=ON  L13 AND S/ELS
                 SAVE TEMP L15 KHA569SUB3/A
L16          368 SEA ABB=ON  L14 AND L15
L17           22 SEA ABB=ON  H3O4P/MF
                 D SCAN
L18            0 SEA ABB=ON  L17 AND L3
                 D QUE L13
L19              STR L9
L20            2 SEA SUB=L7 SSS SAM L19
                 D SCAN
L21           63 SEA SUB=L7 SSS FUL L19 EXTEND
L22           35 SEA SUB=L7 SSS FUL L19
                 SAVE TEMP L22 KHA569SUB4/A


        FILE 'LREGISTRY' ENTERED AT 14:32:49 ON 30 OCT 2007
L23          191 SEA ABB=ON  H3O4P


        FILE 'REGISTRY' ENTERED AT 14:33:20 ON 30 OCT 2007
L24        15918 SEA ABB=ON  H3O4P
L25           77 SEA ABB=ON  L15 AND L24
                 SAVE TEMP L25 KHA569SUB5/A
L26            0 SEA ABB=ON  L25 AND L3
L27            2 SEA ABB=ON  L15 AND L3
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                   D SCAN
L28          2 SEA ABB=ON   L16 NOT NC>1
                   D SCAN
                   SAVE TEMP L28 KHA569SUB6/A
L29         17 SEA ABB=ON   L16 AND 2/NC
                   D SCAN
L30          9 SEA ABB=ON   L7 AND L3
L31          3 SEA ABB=ON   L30 NOT (L22 OR L28)
                   D SCAN
L32      15129 SEA ABB=ON   L7 AND C3H5NO
L33       5691 SEA ABB=ON   L7 AND C7H13NO4S
L34         30 SEA ABB=ON   L24 AND L32
L35         77 SEA ABB=ON   L24 AND L33
L36          0 SEA ABB=ON   L34 AND L35
L37          0 SEA ABB=ON   L34 AND NC<2
L38          1 SEA ABB=ON   L34 AND NC<3
                   D SCAN
                   SAVE TEMP L38 KHA569SUB7/A
L39          0 SEA ABB=ON   L35 AND NC<3
                   D SCAN L3
L40         21 SEA ABB=ON   L3 NOT (L22 OR L28 OR L38)
                   D SCAN
L41          2 SEA ABB=ON   L32 AND L40
                   D SCAN
L42         19 SEA ABB=ON   L32 AND NC<2
L43          2 SEA ABB=ON   L41 AND L42
                   SAVE TEMP L42 KHA569SUB8/A    .
                   D SCAN L38
L44         29 SEA ABB=ON   L33 AND NC<2
                   SAVE TEMP L44 KHA569SUB9/A
L45        190 SEA ABB=ON   L7 AND L24
L46          4 SEA ABB=ON   L45 AND NC<3
                   D SCAN
L47          1 SEA ABB=ON   L46 AND (L22 OR L28 OR L38 OR L42 OR L44)
                   D SCAN


     FILE 'CAPLUS' ENTERED AT 14:54:01 ON 30 OCT 2007
L48          4 SEA ABB=ON   L22
L49          1 SEA ABB=ON   L28
L50          2 SEA ABB=ON   L38
L51      40077 SEA ABB=ON   L42
L52       1897 SEA ABB=ON   L44
L53      72473 SEA ABB=ON   L17
L54     198912 SEA ABB=ON   L24
L55          0 SEA ABB=ON   L53 NOT L54
L56       1331 SEA ABB=ON   (L51 OR L52) AND L54
L57          6 SEA ABB=ON   (L48 OR L49 OR L50)
L58     178191 SEA ABB=ON   L54 AND (PY<2005 OR AY<2005 OR PRY<2005)
L59         27 SEA ABB=ON   L58 AND L51 AND L52
                   D SCAN L1
L60      12148 SEA ABB=ON   POLYPHOSPHORIC ACIDS/CT
                   E POLYVINYL BUTYRALS+ALL/CT
L61         38 SEA ABB=ON   L58 AND (L51 OR L52) AND L60
L62         37 SEA ABB=ON   L61 NOT (L48 OR L49 OR L50 OR L59 OR L1)
                   D QUE NOS L61
                   D SCAN L1
L63      43001 SEA ABB=ON   (VINYL OR POLYVINYL)/CW
L64          7 SEA ABB=ON   L58 AND (L51 OR L52) AND L60 AND L63
L65        122 SEA ABB=ON   L60 AND L63
                   E POLYAMIDE/CT
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              E POLYAMIDES/CT
              E E3+ALL

      FILE 'STNGUIDE' ENTERED AT 15:03:19 ON 30 OCT 2007

      FILE 'CAPLUS' ENTERED AT 15:04:34 ON 30 OCT 2007
L66      102758 SEA ABB=ON   POLYAMIDES/CT
              E POLYACRYLAMIDES/CT
              E POLYACRYLAMIDE/CT
              E E3+ALL
L67          27 SEA ABB=ON   L60 AND L63 AND L66
              D QUE
L68      105332 SEA ABB=ON   L7
L69           4 SEA ABB=ON   L67 AND L68
              D QUE L61
              D SCAN L1
L70       73100 SEA ABB=ON   ELECTRIC CONDUCTORS/CT
L71          14 SEA ABB=ON   L56 AND L70
L72         172 SEA ABB=ON   L14
L73           3 SEA ABB=ON   L72 AND L70
L74        4594 SEA ABB=ON   L51(L)TEM/RL
L75         363 SEA ABB=ON   L52(L)TEM/RL
L76       14559 SEA ABB=ON   (L72 OR L60 OR L54)(L)TEM/RL
L77         174 SEA ABB=ON   (L74 OR L75) AND L76
L78           6 SEA ABB=ON   L74 AND L75 AND L76

      FILE 'CAPLUS' ENTERED AT 15:12:53 ON 30 OCT 2007
L79          16 SEA ABB=ON   (L1 OR L2) AND (L68 OR L48 OR L49 OR L50 OR L59 OR
                  L61 OR L69 OR L71 OR L73 OR L78)
              D QUE NOS L79
              D IBIB ABS HITIND HITSTR L79 1-16

      FILE 'REGISTRY' ENTERED AT 15:14:40 ON 30 OCT 2007
              D STAT QUE L14
              D STAT QUE L22
              D STAT QUE L28
              D STAT QUE L38
              D STAT QUE L42
              D STAT QUE L44

      FILE 'CAPLUS' ENTERED AT 15:15:15 ON 30 OCT 2007
              D QUE NOS L48
              D QUE NOS L49
              D QUE NOS L50
              D QUE NOS L59
              D QUE NOS L61
              D QUE NOS L69
              D QUE NOS L71
              D QUE NOS L73
              D QUE NOS L78
L80          83 SEA ABB=ON   (L48 OR L49 OR L50 OR L59 OR L61 OR L69 OR L71 OR
                  L73 OR L78) NOT L79
L81          47 SEA ABB=ON   (L48 OR L49 OR L50 OR L59 OR L69 OR L71 OR L73 OR
                  L78) NOT L79
L82           2 SEA ABB=ON   L61 AND (L48 OR L49 OR L50 OR L59 OR L69 OR L71 OR
                  L73 OR L78)
L83           1 SEA ABB=ON   L82 NOT L79
              D QUE L61
L84      331165 SEA ABB=ON   CONDUCTIV?/OBI
L85      475893 SEA ABB=ON   CONDUCT?/OBI
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                    E COATING/CT
                    E E12+ALL
L86        482943 SEA ABB=ON   COATING#/CW
L87             8 SEA ABB=ON   L61 AND (L85 OR L86)
                    D QUE L87
L88            54 SEA ABB=ON   (L48 OR L49 OR L50 OR L59 OR L69 OR L71 OR L73 OR
                    L78 OR L87) NOT L79
                    D IBIB ABS HITIND HITSTR L88 1-54


         FILE 'HOME' ENTERED AT 15:21:18 ON 30 OCT 2007
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                    D QUE NOS L50
                    D QUE NOS L59
                    D QUE NOS L61
                    D QUE NOS L69
                    D QUE NOS L71
                    D QUE NOS L73
                    D QUE NOS L78
                    D STAT QUE L14
                    D STAT QUE L22
                    D STAT QUE L28
                    D STAT QUE L38
                    D STAT QUE L42
                    D STAT QUE L44


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